### Section 1: Liability Calculation

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Record Number</th>
<th>Field Number</th>
<th>Field Format</th>
<th>Field Rounding</th>
<th>Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liability Amount</td>
<td>P13</td>
<td>51</td>
<td>99999999999</td>
<td>Round to whole number</td>
<td></td>
</tr>
<tr>
<td>Inventory Value Amount</td>
<td>P13</td>
<td>24</td>
<td>9999999999</td>
<td>None</td>
<td>For Type 071 Liners. Edit With ADM Price, &quot;A00810&quot;.</td>
</tr>
<tr>
<td>Survival Percent</td>
<td>ADM</td>
<td>9.99</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coverage Level Percent</td>
<td>P14</td>
<td>34</td>
<td>9.9999</td>
<td>None</td>
<td>When Coverage Type Code is equal &quot;C&quot;, then equals 0.55. Otherwise, equals 1.0.</td>
</tr>
<tr>
<td>Insured Share Percent</td>
<td>P13</td>
<td>26</td>
<td>9.999</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Catastrophic Factor</td>
<td></td>
<td>9.99</td>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

\[
\text{Liability Amount} = \text{Inventory Value Amount} \times \text{Survival Percent} \times \text{Coverage Level Percent} \times \text{Insured Share Percent} \times \text{Catastrophic Factor}
\]

### Section 2: Base Premium Rate Calculation

\[
\text{Base Premium Rate} = \text{Base Rate} \times \text{Rate Differential Factor}
\]

- **Base Rate**
  - ADM
  - 999.999
  - None
  - Edit with ADM Base Rate, "A01010".

- **Rate Differential Factor**
  - ADM
  - 9.99999999
  - None
  - Edit with ADM Coverage Level Differential, "A01040".

### Section 3: Optional Coverage Calculation

#### Additive Optional Rate Adjustment Factor

\[
\sum \text{Option Rate} \times \text{Rate Differential Factor}
\]

- **Additive Optional Rate Adjustment Factor**
  - Internal
  - 999999.9999
  - Round to 4 decimals.
  - Option Rate will be the Sum of all Option Rate with Rate Method Code equal to Additive, "A". Edit with ADM Option Rate, "A01060".

- **Option Rate**
  - ADM
  - 999999.9999
  - None

- **Rate Differential Factor**
  - ADM
  - 9.99999999
  - None
  - Edit with ADM Coverage Level Differential, "A01040".

#### Multiplicative Optional Rate Adjustment Factor

\[
\sum \text{Option Rate1} \times \text{Option Rate2} \times \text{Option Rate3}...
\]

- **Multiplicative Optional Rate Adjustment Factor**
  - Internal
  - 999999.9999
  - Round to 4 decimals.
  - Edit with ADM Option Rate, "A01060".

- **Option Rate**
  - ADM
  - 9.9999
  - None

### Section 4: Premium Rate Calculation

\[
\text{Premium Rate} = \text{Base Premium Rate} \times \text{Unit Structure Discount Factor} \times \text{Additive Optional Rate Adjustment Factor} + \text{Multiplicative Optional Rate Adjustment Factor}
\]

- **Premium Rate**
  - Internal
  - 9999999999.99999999
  - Round to 8 decimals.
  - Premium Rate is capped at 0.99900000.

- **Unit Structure Discount Factor**
  - ADM
  - 9.999
  - None
  - Edit with ADM Unit Discount, "A01090". When Unit Structure Code equals "BU", then Unit Structure Discount Factor equals Basic Unit Discount Factor.
### Section 5: Total Premium, Subsidy, and Producer Premium Calculation

<table>
<thead>
<tr>
<th>Calculations</th>
<th>Field Name</th>
<th>Record Number</th>
<th>Field Number</th>
<th>Field Format</th>
<th>Field Rounding</th>
<th>Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Premium Amount = Liability Amount * Premium Rate * Proration Percent</td>
<td>Total Premium Amount</td>
<td>P13</td>
<td>49</td>
<td>99999999999</td>
<td>Round to whole number</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Proration Percent</td>
<td>ADM</td>
<td>9.99</td>
<td>None</td>
<td></td>
<td>Edit with ADM Proration, &quot;A01070&quot;.</td>
</tr>
<tr>
<td>Subsidy Amount = Total Premium Amount * Subsidy Percent</td>
<td>Subsidy Amount</td>
<td>P13</td>
<td>50</td>
<td>99999999999</td>
<td>Round to whole number</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Subsidy Percent</td>
<td>ADM</td>
<td>9.999</td>
<td>None</td>
<td></td>
<td>Edit with ADM Subsidy Percent, &quot;A00070&quot;.</td>
</tr>
<tr>
<td>Producer Premium Amount = Total Premium Amount - Subsidy Amount</td>
<td>Producer Premium Amount</td>
<td>P13</td>
<td>52</td>
<td>99999999999</td>
<td>Round to whole number</td>
<td></td>
</tr>
</tbody>
</table>

### Section 6: Commodity Year Deductible Amount Calculation

<table>
<thead>
<tr>
<th>Calculations</th>
<th>Field Name</th>
<th>Record Number</th>
<th>Field Number</th>
<th>Field Format</th>
<th>Field Rounding</th>
<th>Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commodity Year Deductible Amount = Inventory Value Amount * Survival Percent * (1 - Coverage Level Percent)</td>
<td>Commodity Year Deductible Amount</td>
<td>Internal</td>
<td>9999999999</td>
<td>Round to whole number</td>
<td>Inventory Amount for the 'individual line'.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Inventory Value Amount</td>
<td>P13</td>
<td>24</td>
<td>99999999999</td>
<td>Round to whole number</td>
<td>For Type 071 Liners. Edit With ADM Price, &quot;A00810&quot;.</td>
</tr>
<tr>
<td></td>
<td>Survival Percent</td>
<td>ADM</td>
<td>9.999</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Coverage Level Percent</td>
<td>P14</td>
<td>34</td>
<td>9.999</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>